Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
	3	("5958544" "5665478" "6177208").pn.	USPAT	OR	ON	2005/12/30 12:04
L2	98	428/836.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:05
L3	535	(USUKI near1 KAZUYUKI).in. (MORIWAKI near1 KENICHI).in. (KATAYAMA near1 KAZUTOSHI). in. (NAGAO near1 MAKOTO).in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:06
L4	57	3 and (Ru ruthenium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:18
L5	34	4 and (oxide "O?sub.\$2" oxygen SiO)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:27
L6	69	2 and (polymer plastic resin poly\$1carbonate\$1 poly\$1ethylene\$1 cellulose)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:26
L7	25	6 and (Ru ruthenium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:27
L8	228387	(magnetic adj (recording medium media tape disk disc ribbon)).ti,ab, clm.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:23
L9	1068	8 and honda.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:23
L10	50	9 and (perpendicular and longitudinal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:24

L11	11200	8 and ((polymer plastic resin poly\$1carbonate\$1 poly\$1ethylene\$1 cellulose) with (substrate support))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:26
L12	3954	8 and (Ru:ruthenium)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30:12:27
L13	15513	8 and ((oxide "O?sub.\$2" oxygen SiO) with (magnetic recording ferromagnetic))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:27
L14	266	11 and 12 and 13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:28
L15	103	14 and @PD<"20010914"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:28
L16	97	14 and @PD<"20000914"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:40
L17	15	2 and ((Ru ruthenium) near4 (under under\$1layer\$1 intermediate onset primer seed seed\$1layer\$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:41
L18	4	17 not (4 7)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/30 12:41



Home | Login | Logout | Access Information | Alarts |

#### Welcome United States Patent and Trademark Office

Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

Results for "( ( oxide<in>metadata ) <and> ( magnetic<in>metadata ) )<and> ( ru <or&g..." Your search matched 10 of 1286976 documents.

Me-mail

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

#### » Search Options

View Session History

New Search

« Key

IEEE JNL

IEEE Journal or

Magazine

IEE JNL

IEE Journal or Magazine

IEEE CNF

IEEE Conference

Proceeding

IEE CNF

IEE Conference

Proceeding

IEEE STD IEEE Standard

**Modify Search** 

( ( oxide<in>metadata ) <and> ( magnetic<in>metadata ) )<and> ( (ru <or> ruthenium 53)

Check to search only within this results set

Display Format:

© Citation © Citation & Abstract

Article Information Select

1. RuiRu-oxide interlayer for CoCrPtO perpendicular recording media

Kwon, U.; Sinclair, R.; Velu, E.M.T.; Malhotra, S.; Bertero, G.;

Magnetics Conference, 2005. INTERMAG Asia 2005. Digests of the IEEE Inter

4-8 April 2005 Page(s):1579 - 1580

AbstractPlus | Full Text: PDE(72 KB) | IEEE CNF

2. Ru/Ru-oxide Interlayers for CoCrPtO perpendicular recording media

Unoh Kwon, Sinolair, R.; Velu, E.M.T.; Malhoira, S.; Bertero, G.;

Magnetics, IEEE Transactions on

Volume 41, Issue 10, Oct. 2005 Page(s):3193 - 3195

Digital Object identifier 10.1109/TMAG.2005.855281

AbstractPlus | Full Text: PDF(792 KB) | IEEE JNL

Characteristics of spin-valve films with non-magnetic oxide layers for spi

Mizuguchi, T.; Kano, H.;

Magnetics, IEEE Transactions on

Volume 37, Issue 4, Part 1, July 2001 Page(s):1742 - 1744

Digital Object Identifier 10.1109/20.950955

AbstractPlus | References | Full Text: PDF(61 KB) | IEEE JNL

4. Fully integrated 64 Kb MRAM with novel reference cell scheme

Jeong, H.S.; Jeong, G.T.; Koh, G.H.; Song, I.H.; Park, W.J.; Kim, T.W.; Jeong, Y.N.; Ahn, S.J.; Kim, H.J.; Hong, J.S.; Jeong, W.C.; Lee, S.H.; Park, J.H.; Cho,

Song, S.H.; Park, S.O.; Jeong, U.I.; Kim, K.;

Electron Devices Meeting, 2002. IEDM '02. Digest. International

8-11 Dec. 2002 Page(s):551 - 554

Digital Object Identifier 10.1109/IEDM.2002.1175901

AbstractPlus | Full Text: FDF(359 KB) | IEEE CNF

CoPtCr-SiO/sub 2/ granular media for high-density perpendicular records:

Uwazumi, H.; Enomoto, K.; Sakai, Y.; Takenoiri, S.; Oikawa, T.; Watanabe, S.; Magnetics, IEEE Transactions on

Volume 39, Issue 4, Pari 1, July 2003 Page(s):1914 - 1918

Digital Object Identifier 10.1109/TMAG,2003.813778

AbstractPlus | References | Full Text; PDF(372 KB) | IEEE JNL

Great enhancement of the current induced magnetization switching effect

Scitation Home | AIP Journal Center | Subscriptions | Article Purchases | RSS Feeds | E-mail Alerts | Feed: Journal of Applied Physics JAP Home | About JAP | Authors | Librarians | Permissions | Terms of Use | Volume: Page/Article: Retrieve | Se: Search All Issues: Results List [New Search] [General Search Help] [Back to Search Query | Start New Search | Searching Hints] [1 | 2 | 3 | Next 25 ] You were searching for : (((oxide) <and>(magnetic)) <and>((ru OR ruthenium))) You found 56 out of 90761 (56 returned). Documents 1 - 25 listed on this page Refine your query if desired: AND in Abstract/Title/Keywords Results Sorting Options Show Most Recent First 🔻 Check Article(s) then . Select up to 20 articles at a time. 1. Structural characterization of nano-oxide layers in PtMn based specular spin valves \_Min Zhou, Lifan Chen, Zhitao Diao, Chang-Man Park, and Yiming Huai J. Appl. Phys. 97, 10N706 (2005) Full Text: [ HTML PDF (618 kB) GZipped PS ] Order Signal-to-media-noise ratio improvement of CoCrPt-SiO, granular perpendicular media by stacked Ru t —Ryoichi Mukai, Takuya Uzumaki, and Alsushi Tanaka J. Appl. Phys. 97, 10N119 (2005) Full Text: [ HTML PDF (762 kB) GZipped PS ] Order 3 Effect of MgO and Al<sub>2</sub>O<sub>3</sub> on the microstructure and magnetic properties of CoCrPt-oxide perpendicular media LS. H. Park, D. H. Hong, and T. D. Lee J. Appl. Phys. 97, 10N106 (2005) Full Text: [ HTML PDF (1049 kB) GZipped PS ] Order 4 Kerr measurements on single-domain SrRuO, thin films 🗕 G. Herranz, N. Dix, F. Sánchez, B. Martínez, J. Fontcuberta, M. V. García-Cuenca, C. Ferrater, M. Varela, D. and A. R. Fert J. Appl. Phys. 97, 10M321 (2005) Full Text: [ HTML PDF (218 kB) GZipped PS ] Order 5. Giant magnetoresistive structures based on CrO<sub>2</sub> with epitaxial RuO<sub>2</sub> as the spacer layer \_G. X. Miao, A. Gupta, H. Sims, W. H. Butler, S. Ghosh, and Gang Xiao J. Appl. Phys. 97, 10C924 (2005) Full Text: [ HTML PDF (190 kB) GZipped PS ] Order High pressure high temperature synthesis and magnetization of magneto-superconducting RuSr<sub>2</sub>(LnCt (Ru-1232) compounds (Ln=Y and Dy)

Scitation Home | AIP Journal Center | Subscriptions | Article Purchases | RSS Feeds | E-mail Alerts | Feed; Applied Physics Lefters API, Home About API, Authors Librarians Permissions Terms of Use Volume: Retrieve | Se Page/Article: Search All Issues: Results List [New Search] [General Search Help] [Back to Search Query | Start New Search | Searching Hints] You were searching for : (((oxide) <and>(magnetic)) <and>(ru <or> ruthenium))) You found 19 out of 62705 (19 returned). Documents 1 - 19 listed on this page Options for selected Articles 3.3.3.3.4.0.7.1119.3.3. (7) Check Article(s) then ... Select up to 20 articles at a time 1. Impact of Ru doping in bilayered manganese oxide La<sub>1,2</sub>Sr<sub>1,8</sub>Mn<sub>2</sub>O<sub>7</sub> Y. Onose, J. P. He, Y. Kaneko, T. Arima, and Y. Tokura Appl Phys Lett. 86, 242502 (2005) Full Text: [ HTML PDF (72 kB) GZipped PS ] Order 2 Ge/Si quantum-dot metal-oxide-semiconductor field-effect transistor A. I. Yakimov, A. V. Dvurechenskii, V. V. Kirienko, and A. I. Nikiforov Appl. Phys. Lett. 80, 4783 (2002) Full Text: [ HTML PDF (119 kB) GZipped PS ] Order 3. Effects of oxide seed and cap layers on magnetic properties of a synthetic spin valve \_Tsann Lin and Daniele Mauri Appl. Phys. Lett. 78, 2181 (2001) Full Text: [ HTML PDF (75 kB) GZipped PS ] Order 4. Strain modification of epitaxial perovskite oxide thin films using structural transitions of ferroelectric B substrate \_M. K. Lee, T. K. Nath, C. B. Eom, M. C. Smoak, and F. Tsui Appl. Phys. Lett. 77, 3547 (2000) Full Text: [ HTML PDF (65 k6) GZipped PS ] Order 5. Assisted tunneling in ferromagnetic junctions and half-metallic oxides \_A. M. Bratkovsky Appl Phys Lett. 72, 2334 (1998) Full Text: [ HTML PDF (103 kB) GZipped PS ] Order 6. Magnetoresistance of epitaxial thin films of ferromagnetic metallic oxide SrRuO<sub>3</sub> with different domain D. B. Kacedon, R. A. Rao, and C. B. Eom. Appl. Phys. Lett. 71, 1724 (1997) Full Text: [ PDF (92 kB) GZipped PS ] Order 7. Growth mechanisms of epitaxial metallic oxide SrRuO<sub>3</sub> thin films studied by scanning tunneling micros ⊒R. A. Rao, Q. Gan, and C. B. €om. Appl. Phys. Left. 71, 1171 (1997) Full Text: [ PDF (130 kB) GZipped PS ] Order Epitaxial SrRuO<sub>3</sub> thin films on (001) SrTiO<sub>3</sub>

ELSEVIES	SCIENCE DIRECT Register or Login: user name Password: GO Athens/Institution Log
Home	Search Journals Books Abstract Databases My Profile Alerts
Quick Sea	results 1 - 85
	rticles Found
TITLE-A	ABSTR-KEY(magnetic AND oxide) and TITLE-ABSTR-KEY((ru OR ruthenium))
Edit Sea	arch   Save Search   Save as Search Alert Search Withi
Article	List Partial Abstracts Full Abstracts
t (q	lisplay checked docs [ e-mail articles  export citations   Sort Sy: Date
1. <b>(iii</b> )	Influence of ruthenium ions on the precipitation of a-FeOOH, a-Fe <sub>2</sub> O <sub>3</sub> and Fe <sub>3</sub> O <sub>4</sub> in highly alkaline media * ARTICLE  Journal of Alloys and Compounds, In Press, Corrected  Proof, Available online 27 October 2005,  Stjepko Krehula and Svetozar Musić  SummaryPlus   Full Text + Links   PDF (741 K)
2.	Observation of spin reorientation in layered manganites La <sub>1.2</sub> Sr <sub>1.8</sub> (Mn <sub>1-y</sub> Ru <sub>y</sub> ) <sub>2</sub> O <sub>7</sub> (0.0≤y≤0.2) by Lorentz transmission electron microscopy • ARTICLE Journal of Magnetism and Magnetic Materials, In Press, Corrected Proof, Available online 21 October 2005, X.Z. Yu, M. Uchida, Y. Onose, J.P. He, Y. Kaneko, T. Asaka, K. Kimoto, Y. Matsui, T. Arima and Y. Tokura  SummaryPlus   Full Text. + Links   PDF (330 K)
3.	Epitaxial growth of ruthenium dioxide films by chemical vapor deposition and its comparison with similarly grown chromium dioxide films • ARTICLE  Thin Solid Films, Volume 478, Issues 1-2, 1 May 2005, Pages 159-163  G.X. Miao, A. Gupta, Gang Xiao and A. Anguelouch  SummaryPlus   Full Text + Links   PDF (525 K)
4.	Modification of TiO <sub>2</sub> semiconductor with molecules bearing functional phosphonic groups: a <sup>31</sup> P solid state NMR study • ARTICLE  Journal of Materials Processing Technology, Volume 161, Issues 1-2, 10 April 2005, Pages 276-281  P. Falaras, I.M. Arabatzis, T. Stergiopoulos, G. Papavassiliou and M. Karagianni

Flux growth and physical properties of pyrochlore Pb<sub>2</sub>Ru<sub>2</sub>O<sub>6.5</sub> single crystals •

ARTICLE

Journal of Crystal Growth, Volume 271, Issues 3-4, 15 November 2004, Pages 445-449

T. Akazawa, Y. Inaguma, T. Katsumata, K. Hiraki and T. Takahashi

**Abstract** 

## Results for Search Question:

magnetic recording AND (oxide or oxygen) AND (ru or ruthenium) AND (under OR underlayer OR intermediate OR primer OR seed OR seedlayer)

110 answers in CAplus

0 answers in CEABA-VTB

6 answers in COMPENDEX

Error searching in ENERGY

9 answers in INSPEC

7 answers in PASCAL

3 answers in SCISEARCH

135 total hits

[Hide Database Info.]

### Too many answers?

Refine rour Search

# Show Duplicates

	Titles from CAplus in Most Recent Order   Best Match Order		
1	Method for forming a magnetic tunneling junction MRAM device and a tunneling magnetoresistive read head [\$4.40]		
2	Soft magnetic thin films with high magnetization, their manufacture, and magnetic heads using them [\$4.40]		
3	Granular thin film, perpendicular magnetic recording medium employing granular thin film, and magnetic recording apparatus [\$4.40]		
4	Production of vertical magnetic recording media, and magnetic recording apparatus [\$4.40]		
<b>5</b>	Interlayers for perpendicular recording media [\$4.40]		
<b>6</b>	Thermally isolated granular media for heat assisted magnetic recording [\$4.40]		
7	Vertical magnetic recording materials having granular structures and method for their manufacture [\$4.40]		
8	High-density magnetic recording materials [\$4.40]		
9	Perpendicular magnetic recording medium and a method for manufacturing the same [\$4.40]		
<b>1</b> 0	Perpendicular magnetic recording media and magnetic storage apparatus using the same [\$4.40]		
11	Perpendicuair magnetic recording disks and apparatus [\$4.40]		
12	High-performance perpendicular magnetic recording media with good heat resistance and recording apparatus therewith [\$4.40]		
13	Signal-to-media-noise ratio improvement of CoCrPt-SiO2 granular perpendicular media by stacked Ru underlayer [\$4.40]		
<b>1</b> 4	Effect of MgO and Al2O3 on the microstructure and magnetic properties of CoCrPt-oxide perpendicular recording media [\$4.40]		
<b>1</b> 5	Perpendicular magnetic recording medium, manufacturing method therefor, and magnetic read/write apparatus using the same [\$4.40]		
<b>1</b> 6	Magnetic recording medium [\$4.40]		
17	Perpendicular magnetic recording medium and manufacturing of the same [\$4.40]		
18	Magnetic tapes with CoNiPtO-type magnetic films for high-density recording [\$4.40]		